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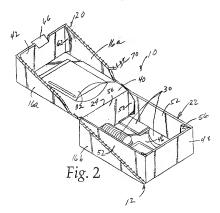
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#### (54) Meal kit packaging system

(57) A packaging system for a meal kit that includes multiple, pre-packaged food items (30,32), optionally including a relatively massive component such as a beverage container (52). The packaging system generally comprises an outer container having two parts, a ild part. (20) and a tray part (22), separably Joined logether with a separable hinge portion (24) and with a removable tear strip (70) that leaves corners of the container parts reinforced so as to retain an enhanced stacking strength. Preferably, food items (30,32) are supported by both the lid part (20) and the tray part (22).



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#### Description

#### BACKGROUND OF THE INVENTION

#### 1. Field of the Invention

[0001] The present invention relates to packaging systems for food products such as meal kits. In particular, the invention relates to a packaging system which, when opened, provides multiple food preparation modules.

#### 2. Description Of The Related Art

[0002] Meal kits, pre-packaged and ready for immediate saving, healing or cooling, have increased in popularity. Generally, meal kits contain a variety of ready-to-eal tood items chosen to provide an essentially complete meal. The various fool tiems may comprise a complete flood serving, a side dish, condiments or spices provided either in a separate form or in sauces or disp. The food servings may include meat, meat products, cheese, beverage and dessert tiems.

[0003] In the prior art, arrangements have been provided for assembling a variety of different items in a pre- 25 arranged kit form. For example, United States Patent No. 3,167,181 provides for the packaging of various dealer-aid advertising newspaper mats on a common backer member folded to resemble a portfolio. Doublefaced tape is used to secure the mats to the backer. Unit- 30 ed States Patent No. 3,323,643 discloses packages for first-aid and survival kits in which individual articles are arranged in a container according to a pre-determined pattern. Several items are disposed on the lid flaps of the package and are secured thereto with pressure-sen- 35 sitive adhesive. United States Patent No. 3,389,784 provides a sheet of backing material to which a plurality of different survival kit items are secured, using arthesive. The sheet is folded and stored in an outer container, in United States Patent No. 4,294,352 a variety of emer- 40 gency kit items are disposed in a metalized foil pouch. In United States Patent No. 4.702,378 a sanitary disposable baby change kit is provided. Elements of the kit are secured to a plastic backer which is folded into the form of a pouch for ready transport.

10004] The above-mentioned arrangements are generally unsuitable for use with meal kit packaging systems. For example, a need arises in packaging meal kits or separating relatively heavy terns from food liems which are fragile. Further, the above arrangements do not provide self-supporting container means needed to preserve the lood quality and attractiveness unique to meal kit systems. While various paperboard cartons have been made available, such as those disclosed in United States Patent Nos. 3,240,418; 3,310,222, 40,83,455 and feasure Patent No. 8,08,245 This need remains for a commercially effective packaging system especially adopted to the requirements of meal kit systems.

tems.

#### SUMMARY OF THE INVENTION

[0005] Depending on the food products involved and the taste of the consumer, the same food items of a meal kit may be served at different temperatures. In addition. consumers may prefer to serve several different food items of a meal kit at different temperatures. Accordingly, the need has arisen for packaging systems to accommodate these various consumer preferences. For example, some of the meal kits offered by a provider, such as a vegetable salad, may lend themselves to a cold serving, while a hot serving is preferred for other types of meal kits, such as pizza. As a further challenge to providers of meal kits, one individual may prefer to consume a food item, such as a meat sandwich, at a lower temperature, while another individual may prefer to consume the same food item at a heated temperature. It is desirable that a meal kit packaging system be suitable for both heating and cooling, according to individual consumer tastes

[0006] Typically the food Items of many meal kits display a wide variety of texture and softness, as well as varying susceptibility to crushing. For a variety of reasons it is desirable to provide the food items (i.e., the various components of a meal kit system) in separate. independent packages. Food items may be individually pre-packaged in a variety of different ways, including containers having removable lids, pouches, film wrap, plastic bags and small paperboard containers. Due to shipping constraints placed on commercially competitive meal kits, packaging systems for individual food items cannot provide optimal crush resistance. For example, potato chips and other low density chip products are packaged in a foil bag, being rendered susceptible to crumbling into smaller pieces under applied pressure from a heavier component of the meal kit, such as a beyerage container. Other products are also susceptible to applied pressure. For example, bread sticks and pizza dough may be deformed by a heavy item placed on them orbit. It is desirable to arrange the various food items of a meal kit so as to separate heavy and crushable items during shipping and handling and to prevent crushing and the like pressure-related damage to the food items so as to preserve the desired visual presentation of the meal kit when opened by a consumer.

[0007] Care must therefore be exercised in arranging the food learns in the container during transport and han102 ding to prevent unfavorable and unintended consequences. One problem that has arisen is that of adequantity constraining food terms included in the meal kit 
which may be heavier or more dense than the other food 
terms. If the heavy food items are not adequisely con105 tailned in a generally stable position, they may crush 
food items in the package and may re-arrange the contents of the package in an undestrable manner. For exmaple, it is described to sloated as boverage container,

when provided, from the other liems in the meal kil package. Al times, this may be difficult or impossible because
of the relative size of the beverage container with respect to the size of the other items, and to the overall
internal volume within the meal kil package. For example, certain popular food items such as pliza crusts,
bread sticks and nacho chips frequently have a size as
large as the major dimensions of the packaging system

itself. [0008] It is generally desirable to limit the size (and 10 especially the ratio of package material to product weight or volume) of a commercial package, particularly packages which are sold in great numbers. As mentioned, meal kit packaging systems are becoming increasingly popular and a significant number of products 15 units are required to meet market demand. Accordingly, attention has been paid to the overall density of meal kit packaging systems and ways for reducing void space within such systems are continually being sought. As mentioned, it is desirable to isolate heavy items from 20 items which are crushable and deformable, an objective which is at odds with reduction of package void space. A need still remains to develop an optimized meal kit packaging system which strikes an optimal balance between competing considerations, such as those men- 25 tioned above.

[0009] Meal kits may take on various levels of complexity, depending upon the nature of the foot forms included. For example, a pizza meal kit may require a pizza crust to be loaded with a variety of optional toppings are determined to the control of the control of the complex pizza. With the pizza, with the toppings and attue, must be heated in some manner, before serving. Beverages and side dishes provided in the same meal kit may be best served when chillied. Accordingly, when opening the meal kit package, food of terms contained in the package must be separated into two or more groups, one to be maintained in a chilled condition and the other to be heated before serving, it is desirable to provide multiple packaging components for use by a consumer in organizing the meal kit for preparation and serving.

[0010] Portability is an attractive feature of meal kits, allowing the meals to be consumed at a place in which lable and chairs may not be provided. For example, a consumer may wish to enjoy a meal kit in a park settling on a bench or on an improvised seat, for example, it is important that the meal kits be self supporting when opened and remain self-supporting os sets allow a consumer to concentrate on the meal presented, rather than on preserving the integrity of a fiexible package. It is further desirable that the package be separable into individual package parts to allow the consumer an ability to organize the food thems as desired.

[0011] Some meal kits have become more sophisticated, requiring a number of ordered steps to be taken 55 to prepare the meal. At the same time, considerable effort has been expended to make the advantages of meal kits available to children and young adults. It is possible

to present the food items of a meal kit in such a way as to suggest the order of their assembly and use, and such is an object of the present invention. Such suggestion can be especially helpful for children and young adults

5 in helping them to learn meal presentation skills. It is generally preferred that useful suggestions be provided in some manner other than an instruction sheet, such as by giving the consumer visual cues from the ordered arrangement of the food items within the meal kit pack-

[0012] These and other objects of the present invention are provided in a meal kit packaging system for ready-to-eat food and beverage items, comprising:

 a container having first and second parts joined together by a hinge;

getter by a timple, exparation dividing the container into said first and said second parts, with one container part to be hingedly movable toward and away from the other container part so as to render the container reclosable:

the first and second parts of the container each having a support wall at least partly surrounded by containment walls upstanding from the support surface;

the first and second parts of the container having sufficient strength and stiffness to function as tray modules for food preparation and serving.

### 30 BRIEF DESCRIPTION OF THE DRAWINGS

#### [0013]

FIG. 1 is a perspective view of a meal kit packaging system according to principles of the present invention:

FIG. 2 shows the meal kit package in an opened position:

FIG. 3 is a plan view of a single piece carton blank for the meal kit system;

FIGS. 4 and 5 show carton blanks which, when folded and combined together, result in the package for the meal kit system of FIGS. 1 and 2,

FIG. 6 is a plan view of a blank for an alternative carton for use with the meal kit system; FiG. 7 shows a meal kit system with a carton con-

structed from the blank of FIG. 6; FIGS 8 and 10 are plan views of cooperating carton blanks:

FIG. 9 shows the blank of FIGURE 10 folded and assembled;

FIG. 11 is a perspective view similar to that of FIG. 12 but with the contents of the meal kit system removed;

FiG. 12 is a perspective view of an alternative meal kit system;

Fig.13 is a plan view of a carton blank for an alternative carton for a meal kit assembly; and FIGS. 14 and 15 are fragmentary perspective views of variations of the carton shown in FIG. 1.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0014] Referring now to the drawings and initially to Figs. 1-3, a meal kit packaging system is generally indicated at 10. The meal kit packaging system includes a carton 12 which is generally rectilinear and is preferably 10 formed of paperboard material, from a single carton blank 8. Fig. 3 shows the various parts of container 12 formed from the integral paperboard blank 8, with the dashed lines indicating fold lines, with fold line 24 further serving as a hinge joining a lid member and a base member together, as will be described herein. Carton 12 includes lines of separation in the form of tear strips 70 diagonally arranged along its end walls 16. When tear strip 70 is removed from carton 12, end walls 16 are divided into two portions, an upper portion 16a and a lower portion 16b. A perforated line or other line of weakness could also be used in place of the tear strip, if desired.

[0015] Referring to Figure 2, the carton 12 is shown in an opened position with an upper tray module or lid 25 member generally indicated at 20, hingedly joined to a lower tray module or base member 22 along the hinge line 24. Preferably, hinge line 24 is weakened so as to be selectably separable by the user, if desired, if the hinge line 24 is left intact, as illustrated in Fig. 2, carton 30 12 is reclosable by the user, allowing continued storage of various food items 30 and a beverage item 32. Beverage item 32 is shown in the form of a soft package or liquid-type pouch, but could also comprise an aluminum can or other conventional beverage container.

[0016] Preferably, the food items 30 are provided in separate, Independent packages. Due to shipping constraints placed on commercially competitive meal kits, it is generally preferred that the packaging systems for the individual food items 30 are compact and light weight 40 and are not capable of optimal crush resistance. Accordingly, fragile and deformable food items are rendered susceptible to damage with applied pressure from heavier components of the meal kit, such as the beverage items of the meal kit are arranged so as to isolate heavy items from deformable or crushable items. It is further preferred that the isolation of heavy and soft or crushable food items be provided with a minimum of additional paperboard material, such as dividers located internally 50 within container 12. It is most preferred that the heavy and crushable items be separated through the use of adhesives. As illustrated in Fig. 2, beverage item 32 is held in place on lid member 20 by a suitable adhesive. Accordingly, fid member 20 supports the weight of beyerage container 32, thereby avoiding the need to subject food Items 30 to this weight.

[0017] Turning again to Fig. 2, the lid member 20 of

rounded by upstanding containment walls which include a front wall 42 and end wall portions 16a. Lid member 20 has the stiffness and strength to function as a tray for food preparation and serving. Efficient use of the preferred integral blank allows lid member 20 to retain its properties as a self-supporting tray whether it is left joined to the bottom portion 22 or it is separated for independent use.

[0018] Base member 22 includes a lower, bottom wall 46, front and rear walls 48. 50 and end walls 52. The partial end walls 16b are originally provided as part of the lid member 20 and after removal of tear strips 70 remain joined to end walls 52 of bottom member 22 by a suitable adhesive. The preferred carton blank is divided into container walls and flaps or tabs which are secured to the container Walls in a manner providing improved strength and rigidity in each container part which functions as an independent, separable tray module. When combined in a reclosable container, strength and rigidity of the tray parts are combined to form the strength and rigidity of the overall container 12. For example, flaps 56 extend from front wall 48 and are secured to end walls 52, while flaps 58 extend from rear wall 50 and are secured to end walls 52, as shown in Figure 2. The upper lid member 20 includes flaps 62 which extend from front wall 42 and are secured to end wall portions 16a, Upper lid member 20 also includes a hingable tab 66 formed in front wall 42 by lines of weakness, allowing a user to readily obtain a secure finger hold on lid member 20 (see Fig. 1). (0019) If desired, the opened container 20 shown in

Fig. 2 can be separated into Independent tray modules by severing along hinge line 24. The upper tray module comprises the substantial portion of 1ld member 20, except for end wall portions 16b which remain secured to the second tray module comprised substantially of base member 22. Each tray module exhibits the rigidity, stiffness and strength required for stand alone support and containment of food and beverage items that a user may desire. As can be seen for example in Fig. 2, the tray module comprising the substantial portion of lid member 20 includes a major supporting surface 40 enclosed on three sides by upstanding containment walls 16a, 42. item 32. Accordingly, it is preferred that the various food 45 The tray module formed from the upper fild member is configured with the strength and rigidity needed to be self supporting, even on an irregular surface such as might be encountered in a pionic or park bench setting. [0020] A user may wish to organize the food and beyerage items in different groups. With two independent tray modules a user can separate food and beverage items into different categories, such as one category requiring heating and the other category to remain at prechilled temperatures. In a kitchen setting, the user may wish to organize items to be heated in a tray module. Further, either tray module can be used for heating of desired food and beverage items in a microwave oven or other heating appliance. For example, the beverage container 32 may contain a hot cocoa mix to be heated in a microwave oven along with food items such as breakfast rolls, bagels or muffins.

[0021] As can be seen in Fig. 2, the tray module formed from the upper lid member has reinforced corners, with tabs 82 overlying and wall portion 16a. The remaining tray module, comprised substantially of base member 22, includes a major support surface (lower bottom wall 46) bordered by four upstanding containment walls. As can be seen in Fig. 2, the corners of the lower tray module are reinforced by tabs 56, 58 and by added and wall trickness members 16b.

[0022] Turning now to Fig. 14, the lower central portion of Fig. 1 is shown on an enlarged scale. As shown. the leading end 70a of tear strip 70 has a free end located immediately adjacent front wall 42. Portions of the end wall 16 are removed adjacent leading end 70a to allow a user an opportunity to grasp a portion of the tear strip before tearing is initiated. Referring to Fig. 15, an alternative arrangement is shown with a shortened front 20 wall 42. The arrangement of Fig. 15 allows a user to grasp the lower edge 42a of front wall 42, once tear strip 70 is removed, to open the container. As a further advantage, it is noted that the leading end 70a of tear strip 70 is exposed to a greater extent, further contributing to 25 the ease with which a user can grasp the tear strip, prior to tearing. As can be seen in Fig. 15, a portion 42b is relieved preventing formation of a corner between front wall 42 and end wall 16. This allows the front wall 42 to be swung slightly away from front wall 48 as the container is opened, preventing inward crushing of front wall 48 which might crush or otherwise disturb fragile food items disposed within the container.

[0023] An important feature of container 12 is its abliity to be top-loaded with the various food and beverage items prior to closure. This arrangement allows use of the container in an economical, high speed production line environment, where the food and beverage items are picked and placed as required to meet a particular meal kit composition. Carton 12 could, for example, be transported down an assembly line containing food and beverage items for a number of different meal kit products. After the required food and beverage items are loaded into the carton, the manufacturer lowers lid member 20 (with its lower end portion 16b and tear strips 70 45 remaining intact -- see Fig. 3) onto a fully formed base member. Adhesive portion 72 shown in Fig. 3 joins and wall portions 16b to end walls 52, with carton 12 thereby being made ready for shipment to a consumer of the meal kit product.

[0024] With additional reference to Fig. 3, the layout of container blank 8 further adds to the inherent strength of the container when employed in a reclosable manner. For example, it will be observed that the front wall 48 and front wall 48 are joined together as a continuous strip of blank material. Further, tabs 56.58 and 82 extend to join or wall 61 to confuse with wall 48 are joined together as a continuous strip of blank material. Further, tabs 56.58 and 82 extend to join or walls to this continuous structure. Container 12 can

be completely formed using conventional tray forming equipment.

[0025] As a further advantage, the carton formed from blank 8 allows top loading of food and beverage items into the container interior, prior to achesive loinder of lid and base members by the manufacturer. When loaded by the manufacturer, the container 12 generally resembles the arrangement shown in Fig. 2, except that lower end wall portions 16b are joined to the upper end wall portions 16a by tear strips 70. If desired, container 12 can be used with cost effective computer-controlled pick and place equipment to select food and beverage items from a large variety located along an automated assembly line. With computerized control, container 12 can be advanced along the assembly line to allow picking and placing of those particular food and beverage items as may be required for a particular meal kit product. In this manner, a number of different meat kit products can be assembled from a common assembly line, for example, When all of the desired items are located in the container, and principally on the major surfaces of the lid wall and bottom wall, the lid member is lowered onto the base member bringing end wall 16 in overlying relationship with end walls 52, being secured thereto with a suitable achesive. [0026] Turning now to Figs. 4 and 5, carton 12 can be fabricated from two separate components, a lid member component 20' shown in Fig. 4 and a base member com-

ponent 22 shown in Flg. 5. Using this arrangement, Iid member 20' is formed to include a rear wall 78 which overlays rear wall 50 of base member 22, being secured thereto with adhesive portions 80 shown in Fig. 4. An optional window 86 is shown formed in upper lid wall 40. A sheet of translucent or transparent plastic film is secured to the inside surface of upper lid wall 40 by a suitable adhesive, thereby providing a dust seal for the window opening formed in the upper IId wall. The size and shape of window 86 can vary, as desired. For example, window 86 can be reduced in size and shifted to allow adhesive joinder of a food or beverage item to lid member 20' without obstructing view through the window. [0027] Turning now to Figs 6-10, a container 90 includes an upper lid member 92 and a lower base member 94. Container 90 is substantially identical to container 12 except for the substitution of a weakened line or line of senaration 93, provided in place of tear strips 70. Preferably, all other features are the same as those shown and described above for carton 12. Fig. 9 shows base member 94 fully assembled and awaiting joinder with lid member portion 98, shown in Fig. 8. Figure 9 shows optional adhesive portions which may be employed, if desired, to secure food and beverage items to the lower, bottom wall 46. Figures 8 and 10 show an atternative arrangement for carton 90, in which separate lld member and base member portions are provided. Fig. 8 shows a lid member portion 98 including a rear wall 102 carrying adhesive 104 for joinder to rear walf 50 of base member portion 94 shown in Fig. 10. Other features are the same as those described above for carton 90, shown in Fig. 7.

[0028] Fig 6 shows the carton blank 91 from which carton 90 is formed. As can be seen by comparing Figs. 3 and 6, carton blank 91 is substantially identical to carton blank 8 except for the substitution of weakened lines 93, preferably single perforation lines, for the tear strips

[0029] Turning now to Figs. 11 and 12, a meal kit is generally indicated at 110 and includes the carton 112 shown in Fig. 11. Meal kit 110 includes ready-to-eat food Items 114, preferably individually wrapped and placed within container 112 in a desired, pre-determined pattern. A beverage item 116 is also provided and is shown carried on the upper portion of container 112, although, as mentioned above, the beverage item could also be obtained in the lower portion of the container. If desired, one or more food items could be carried by the upper portion of container 112. In the preferred embodiment, food and beverage Items are held in place by adhesive 20 portions 118 shown in Fig. 11.

[0030] Referring again to Fig. 11, container 112 includes a lid member 120 hingedly joined at 124 to a base member 122. Preferably, container 112 is formed from a unitary paperboard blank with hinge line 124 being 25 provided as a line of weakness formed in the container blank, Lid member 120 includes an upper lid wall 128. a front wall comprising a center portion 130 and lateral portions 132. Base member 122 includes a lower bottom. wali 152, end walis 154, a front wall 156 and a rear wali 30 158 joined to upper lid wall 128 by hinge line 124. Fig. 11 shows container 112 in an opened condition with a line of weakness, comprising either a tear strip or a perforeted line, for example, having been severed, allowing the lid member 120 to be opened in the manner shown 35 in Fig. 11. The lateral portions 132 remain secured to base member 122 by adhesive, not shown. Lid member 120 further includes end walls including portions 136 and 138. A line of weakness 142 has been severed to allow lid member 120 to be swund open in the manner 40 indicated in Fig. 11. Separation of severing line 142 causes end wall portions 138 to remain secured to base member 122 by adhesive (not shown).

[0031] Preferably, hinge line 124 is readily separable by the user, when formation of separate, independent 45 tray modules is desired. With separation along hinge line 124, lid member 120 can be discarded, leaving base member 122 with the stiffness and strength required to function as an independent tray. Food and beverage items from the meal kit can then be arranged in the base member, as desired. Alternatively, hinge line 124 can be ieft intact, thereby allowing container 112 to be re-closed so as to allow subsequent storage of the food and beverage items, as desired. As will now be appreciated, with reclosure, container 112 retains its original stacking 55 strength with upper lid wall 128 coming into contact with the upper edges of base member 122, and with the base member 122, and with the base member 122 retaining

its reinforced corner construction.

[0032] Turning now to Fig. 13, a carton blank 170 is shown, for an alternative meal kit container, according to principles of the present invention. As can be seen upon comparison with Fig. 6, container blank 170 bears resemblance to container blank 91, except for the omission of diagonal lines of weakness in end wall 16 and the addition of an extra, closure wall 174 joined to front

wall 4 of the base member. Closure wall 174 includes portions 176, 178 joined together by a tear strip 182. Closure wall 174 is secured by adhesive portion 184 to a front edge portion of lid member 46. With removal of tear strip 182, a user is allowed to gain access to the interior of the container and to the food and beverage items located therein. Unlike the preceding embodiments, overlying end walls of the upper lid member and lower base member are not secured together with adhesive, nor are the overlying front walls 42, 48. Accordingly, with removal of tear strip 182 the lid member is allowed to be swung away from the base member, with flexure about hinge line 192.

100331 As can be seen from the above, meal kit packaging systems according to principles of the present invention provide an attractive, cost effective delivery of ready-to-eat food items and beverages for use in outdoor work sites and natural settings as well as kitchens and clining rooms. The package system provides separable tray modules suitable for food preparation as well as meal servings. Afternatively, the packaging system can be left intact, once opened, so as to be reclosable for storage, awaiting a subsequent meal serving when desired by the user, Further, as indicated above, packaging systems for meal kits, according to principles of the present invention, provide advantages to meal kit manufacturers by improving automated assembly of meal kits in a high speed production environment.

[0034] The drawings and the foregoing descriptions are not intended to represent the only forms of the invention in regard to the details of its construction and manner of operation. Changes in form and in the proportion of parts, as well as the substitution of equivalents, are contemplated as circumstances may suggest or render expedient; and although specific terms have been employed, they are intended in a generic and descriptive sense only and not for the purposes of ilmitation, the scope of the invention being delineated by the following claims.

#### 50 Claims

1. A meal kit packaging system for ready-to-eat food and beverage items (30, 32; -, -; -, 32; -, -; 114, 116; -, -), comprising:

> a container (12; -; 90; 90; 112; -) having first and second parts (20, 22; 20', 22; 92, 94; 92, 94; 120, 122; -, -) joined together by a hinge (24; -;

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24; -; 124; 192);

recosasion:
10 de second parts (20, 22, 27, 22, 92, 94, 92, 94, 92, 94, 120, 133, -, -) of the container (12, -, 90, 91, 92, 94, 92, 94, 120, 133, -, -) of the container (12, -, 90, 90, 112, -) oean having a support wall (40, 46, 40, 46, 40, 46, 128, 152, 40, 49) at least parryly surrounded by containment walls of (42, 16, 48, 52, 40, 46, 4

the first and second parts (20, 22; 20', 22; 98, 94; 98, 94; 98, 94; 120, 122; -, -) having sufficient strength and stiffness to function as tray modules for food preparation and serving.

- A meal kit packaging system according to claim 1, wherein the containment walls (42, 16, 48, 52; 42, 16, 48, 52; 42, 16, 48, 52; 42, 16, 48, 52; 42, 16, 48, 52; 42, 18, 48, 52; 130, 132, 138, 138, 154, 156, 158) of the packaging system include nectangular and walls (16, 52; 16, 52; 16, 52; 136, 154) and the line of separation (70, 70; 93; ; 142) extends in a generally diagonal direction.
- A meal kit packaging system according to claim 1 35 or claim 2, wherein said continent (12: 9: 9) wherein said continent (12: 9: 9) wherein said continent (12: 9: 9) expected of and beverage items (30; 32: -1: 32: -1114, 116: -19 or disposed within the container (12: 9: 90; 90; 112: -19 with at least some of the food and beverage items (30; 32: -1: 32: -114, 116: -1; 90; 90; 112: -114; -116: -114, 116: -19 or secured to the interior surface of said container (12: -190; 90; 90; 112: -190; 114; -190;
- A meal kit packaging system according to claim 3, wherein said individual securements comprise portions of adhesive (-; -; -; -, 118; -).
- A meal kit packaging system according to any one of claims 1 to 4, wherein the line of separation comprises a line of weakness (93).
- A meal kit packaging system according to any one of claims 1 to 4, wherein the line of separation comprises a tear strip (70: 182)

 A meal kit packaging system according to any one of claims 1 to 6, wherein:

the support walls (40, 46: 40, 46: 40, 46: 40, 46: 40, 46: 128, 152) of the first and second parts (20, 22; 20' 22' 29, 29; 29, 49; 29, 49; 120, 122) of the container (12. -: 90; 90; 112) comprise an upper lid wall (40; 40; 40; 40; 128) and a lower bottom wall (46, 46, 46; 46; 162; respectively;

the container (12; -; 90; 90, 112) further comprises end walls (16; 16; 16; 16; 16; 128) located between said upper lid wall (40; 40; 40; 40; 128) and said lower bottom wall (46; 46; 46; 46; 152); and

said line of separation (70; 70; 93; -; -) divides each end wail (16; 16; 16; 16; 136) into two portions (16a, 16b; 16a, 16b; 16a, 16b; 15a, 16b; 135, 138) associated with respective ones of said first and second parts (20, 22; 20', 22; 92, 94; 92; 94; 120, 122).

- A meel kit packaging system according to claim 7, wherein portions (132) of the front wall (130 & 132) cerried by the first container part (120) remain attached to the second container part (122) to relinforce corrers of the second container part (122) atter separation along said at least one line of separation (134).
- include rectangular end wells (16, 52, 16, 52, 16, 32, 18, 39 9. A neal kit packaging system according to claim 7, 52, 16, 52, 136, 154) and the line of separation (70, 70, 93, -; 142) extends in a generally diagonal direction.

  A meal kit packaging system according to claim 1 35

  A meal kit packaging system according to claim 1 35
  - A meal kit packaging system according to any one of claims 1 to 6, wherein:

the support walls (130 & 132, 136, 154, 156) of the first and second parist (120, 122) of the container (112) comprise an upper lid wall (128) and a lower bottom wall (152), respectively, the container (112) urther comprises end walls (136, 154) located between said upper lid wall (128) and said lower bottom wall (152).

the container (112) further includes a near wall (159) and a pair of overlying front walls (130.8. 132, 150) carried by said first and second parts (120. 122) of the container (112) so as to be located between said upper lid wall (128) and said lower bottom wall (152) respectively; and said line of separation (134) extends through the front wall (130.8.132) carried by the first tray module (130.8.

 A meal kit packaging system according to any one of claims 1 to 10, wherein the container is formed

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from a unitary one-piece blank (8; 91, 170).

 A meal kit packaging system according to claim 11, wherein:

the first and second parts (20, 22: 92, 94; 120, 122) are joined together by a selectably separable hinge (24; 24; 124);

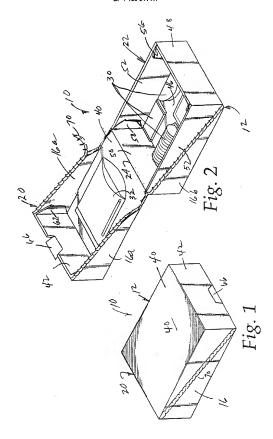
the at least one line of separation (70; 93, 142) extends from said hinge (24; 24, 124) to divide the container (12; 90; 112) into said first and said second parts (20, 22; 92, 94, 120, 122);

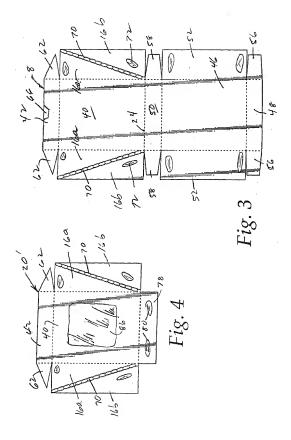
the first and second parts (20, 22; 92, 94; 120, 122) of the container (12; 90, 112), when separated from one another, have sufficient strength and stiffness to function as tray modules for food preparation and serving.

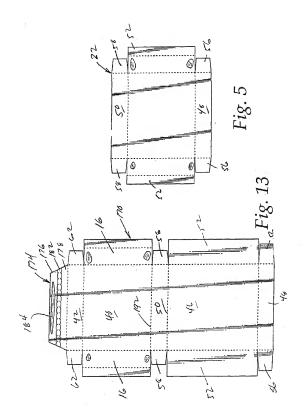
- 13. A meal kit packaging system according to any one of claims 1 to 10, wherein the container is formed from two unitary one-piece blanks (20°, 22; 98, 94) joined together.
- 14. A meal kit packaging system according to any one 25 of claims 1 to 13, wherein the container (12; -; 90; 90; 112; -) is rectilinear.
- A meal kit packaging system according to any one of claims 1 to 14, wherein the first container part (20°, 22) includes a window (86) through which contents of the container interior may be viewed.

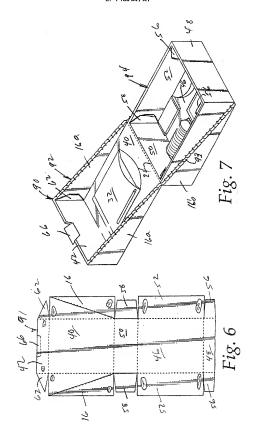
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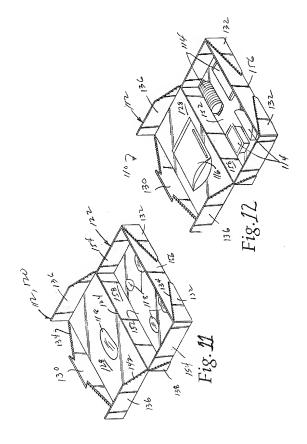
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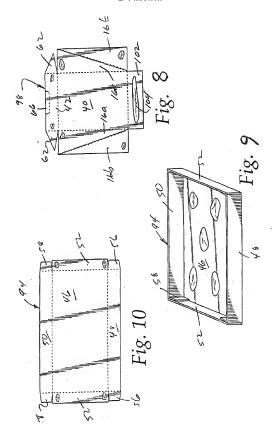


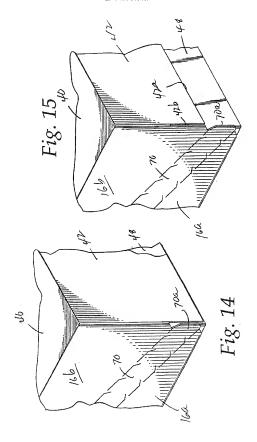














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